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ALTA GEOSCIENCES, Inc.

11711 Northcreek Parkway S., Suite 101
Bothell, Washington 98011-8224

Phone (206) 485-1053
Fax (206) 486-7651

August 7, 1996

Mr. Kevin Rochlin
U.S. Environmental Protection Agency, Region 10
1200 Sixth Avenue, HW-113
Seattle, Washington 98101

Re: Supplemental Sampling Results, Grid Square 171
Spokane Junkyard and Associated Properties Superfund Site

Dear Mr. Rochlin:

Enclosed is the analytical certificates for the supplemental sampling and analysis from soils in Grid Square 171 at the Spokane Junkyard and Associated Properties Superfund Site. Pursuant to our discussions, we obtained a four point composite sample of the surface (0 to 6 inches) soils in the northwest quadrant of Grid Square 171. The sampling and analysis procedures were identical to those used for the Removal Design Site Investigation, except that the four subsample locations were restricted to the northwest quadrant of the grid square, where previous sampling (described in the Removal Design Site Investigation report) had indicated the potential for elevated PCB concentrations in the soils.

As shown on the attached analytical report, the four point composite contained 0.10 mg/kg PCBs.

Based on this and past analytical results from this grid square, it appears that the elevated PCB concentrations are extremely limited, likely affecting only a few square feet of soil. This may have been the result of a very small release, possibly from a PCB capacitor, light ballasts, or a very small transformer.

As a result, we propose that the soil from this grid square be included for "consolidation" within the planned consolidation cell.




ALTA GEOSCIENCES, Inc.

Mr. Kevin Rochlin
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If you have any questions, please feel free to contact me at your earliest convenience.

Sincerely,
ALTA Geosciences, Inc.



Alex Tula, R.G.
Principal Consultant

enclosure: Laboratory analysis report

cc: Mr. Bud Preston; Kaiser Aluminum & Chemical Corporation
Mr. Doug Pottratz; The Washington Water Power Company
Mr. Grant Van Buren; Inland Power
R. Paul Beveridge, Esq.; Heller, Ehrman, White, & McAuliffe
Mark Hausman, Esq.; Attorney at Law
David A. Kulisch, Esq.; Randall & Danskin, PS



NORTH CREEK ANALYTICAL

Environmental Laboratory Services

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PORTLAND ■ (503) 643-9200 ■ FAX 644-2202

Alta Geoscience
22833 Bothell-Everett Hwy
Bothell, WA 98021-9365

Project: Spokane Junkyard
Project Number: None Given
Project Manager: Alex Tula

Sampled: 6/20/96
Received: 6/20/96
Reported: 7/2/96

Project Summary

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
GS-171 NW	S606053-01	Soil	6/20/96



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Polychlorinated Biphenyls by EPA Method 8081

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
<u>GS-171 NW</u>				<u>S606053-01</u>			<u>Soil, dry wt.</u>	
PCB-1016	6060065	6/26/96	6/30/96		50.0	ND	ug/kg (ppb)	
PCB-1221	"	"	"		50.0	ND	"	
PCB-1232	"	"	"		50.0	ND	"	
PCB-1242	"	"	"		50.0	ND	"	
PCB-1248	"	"	"		50.0	ND	"	
PCB-1254	"	"	"		50.0	ND	"	
PCB-1260	"	"	"		50.0	102	"	
Surrogate: TCX	"	"	"	38.0-117		68.2	%	

Scott Armand



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Alta Geoscience	Project: Spokane Junkyard	Sampled: 6/20/96
22833 Bothell-Everett Hwy	Project Number: None Given	Received: 6/20/96
Bothell, WA 98021-9365	Project Manager: Alex Tula	Reported: 7/2/96

Dry Weight Determination

Sample Name	Lab ID	Matrix	Result	Units
GS-171 NW	S606053-01	Soil	95.1	%

North Creek Analytical, Inc.

Scott Armand, Laboratory Manager



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Polychlorinated Biphenyls by EPA Method 8081 Quality Control

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Reporting Limit Units	Recover. Limits	Recover. %	RPD Limit	RPD %	Notes*
Batch: 6060065										
Blank										
Date Prepared: 6/26/96										
6060065-BLK1										
PCB-1016	6/30/96			ND	Soil, dry wt. ug/kg (ppb)	50.0				
PCB-1221	"			ND	"	50.0				
PCB-1232	"			ND	"	50.0				
PCB-1242	"			ND	"	50.0				
PCB-1248	"			ND	"	50.0				
PCB-1254	"			ND	"	50.0				
PCB-1260	"			ND	"	50.0				
Surrogate: TCX	"	4.00		2.60	"	38.0-117	65.0			
Blank Spike										
6060065-BS1										
PCB-1260	6/30/96	100		96.4	Soil, dry wt. ug/kg (ppb)	37.0-98.0	96.4			
Surrogate: TCX	"	4.00		2.65	"	38.0-117	66.3			
Blank Spike Dup										
6060065-BSD1										
PCB-1260	6/30/96	100		97.0	Soil, dry wt. ug/kg (ppb)	37.0-98.0	97.0	25.0	0.620	
Surrogate: TCX	"	4.00		2.94	"	38.0-117	73.5			
Matrix Spike										
6060065-MS1 S606053-01										
PCB-1260	6/30/96	100	102	362	Soil, dry wt. ug/kg (ppb)	37.0-98.0				1
Surrogate: TCX	"	4.21		3.00	"	38.0-117	71.3			
Matrix Spike Dup										
6060065-MSD1 S606053-01										
PCB-1260	6/30/96	100	102	273	Soil, dry wt. ug/kg (ppb)	37.0-98.0		25.0		1
Surrogate: TCX	"	4.21		3.02	"	38.0-117	71.7			



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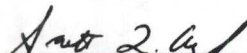
Sampled: 6/20/96
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Notes

#	Note
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1	The spike recovery for this QC sample is outside of NCA established control limits due to sample matrix interference.
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Scott Armand, Laboratory Manager



CHAIN OF CUSTODY REPORT

18939 120th Avenue N.E., Suite 101, Bothell, WA 98011-9508 (206) 481-9200 FAX 485-2992
East 11115 Montgomery, Suite B, Spokane, WA 99206-4779 (509) 924-9200 FAX 924-9290
9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132 (503) 643-9200 FAX 644-2202

Work Order # **560053**

REPORT TO: ALTA GEOSCIENCE			INVOICE TO:																																																	
ATTENTION: ALEX TULA			ATTENTION: SAME																																																	
ADDRESS: 11711 NORTHCREEK PKYS, ST. 101 BOTHELL WA 98011			ADDRESS:																																																	
PHONE: 206 485-1053 FAX: 206 486-7651			P.O. NUMBER: NCA QUOTE #:																																																	
PROJECT NAME: SPOKANE JUNKYARD			Analysis Request:																																																	
PROJECT NUMBER:			<div>PCBS - 801</div>																																																	
SAMPLED BY:																																																				
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PRINT NAME: ALEX TULA FIRM: ALTA TIME: 1515			PRINT NAME: Larry Hage FIRM: NCA TIME: 1553																																																	
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